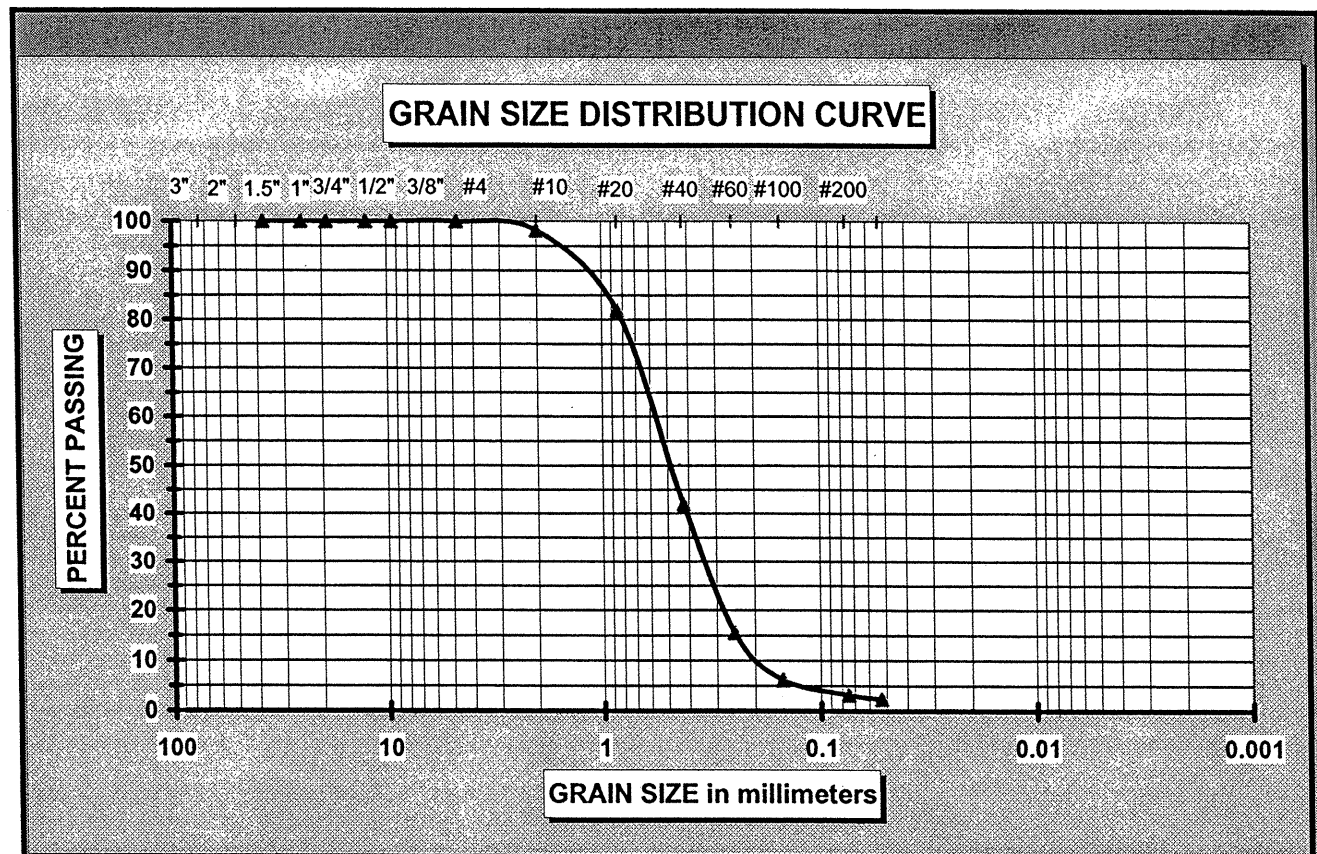


BRIDGE #21 ON SR 1001 (WOOLEN STORE RD) OVER TROUBLESOME CREEK  
 ROCKINGHAM COUNTY  
 NCDOT Project No: 33335.1.1 - T.I.P. No: B-3899



AASHTO M-145 Classification of Soil for Engineering Purposes				
Gravel	< 3" and > #10	Coarse Sand	< #10 and > #60	Cu = D60 / D10
		Fine Sand	< #60 and > #200	Cc = (D30) <sup>2</sup> / (D10 x D60)

BORING #: B1A      SAMPLE #: SS-7      DEPTH: 8.3-9.8

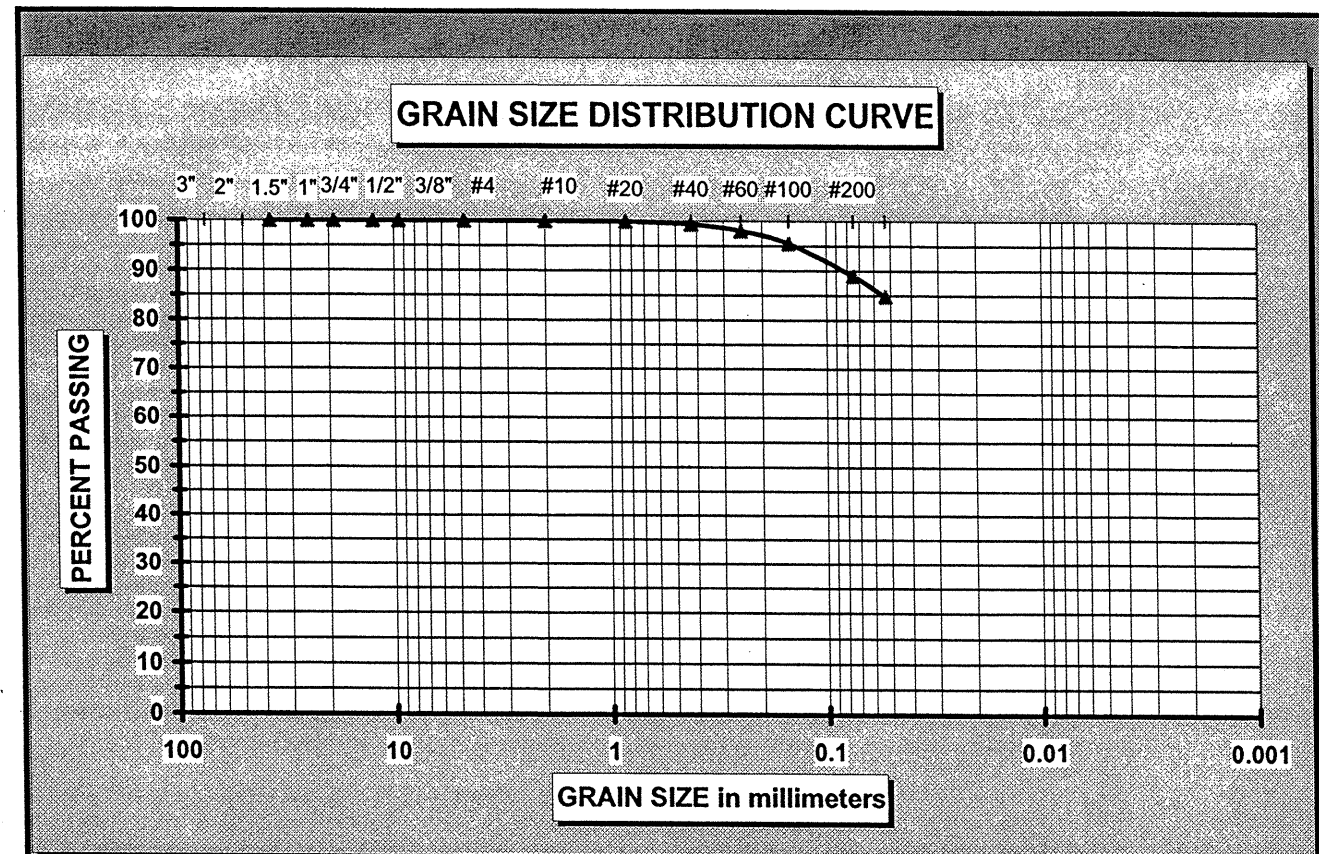
**Gray and Tan Sand (A-1-b)**

% PASSING #200 SIEVE: 3%

NATURAL MOISTURE CONTENT = N/A

ATTERBERG LIMIT (- #40 Material)	
LIQUID LIMIT	19
PLASTIC LIMIT	-
PLASTIC INDEX	NP

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AASHTO M-145 Classification of Soil for Engineering Purposes				
Gravel	< 3" and > #10	Coarse Sand	< #10 and > #60	Cu = D60 / D10
		Fine Sand	< #60 and > #200	Cc = (D30) <sup>2</sup> / (D10 x D60)

BORING #: B2B      SAMPLE #: SS-11      DEPTH: 0.0-1.5

**Brown Sandy Silty Clay (A-7-5)**

% PASSING #200 SIEVE: 89%

NATURAL MOISTURE CONTENT = 36.2%

ATTERBERG LIMIT (- #40 Material)	
LIQUID LIMIT	45
PLASTIC LIMIT	30
PLASTIC INDEX	15